

MICROPROCESSOR SUPERVISORY CIRCUITS RESET GENERATORS

	Reset		Power	Power	Reset		Reset		Watchdog	Watchdog		WD Timer		Price	Comments	Fax
	Generator		Fail	Fail	or	Manual	Timeout		Timeout	Timeout		Input	#	100's		Fax
	Threshold		Indicator	Threshold	/Reset	Reset	Delay		Int. Oscillator	External Clock		Width	Pins			Code
	Min	Max		Min/Max			Min	Max	Min/Max	Min/Max	Min/Max	nsec				
MODEL	Volts			Volts			Min	Max	Long	Short	Long	Short	Min			
									sec	msec	Cycles	Cycles				
Reset Generators without Manual Input																
+3.0 Volt Circuits without Watchdog Timer																
ADM709R	+2.55	+2.7	No	No	/R	No	140	380					8	\$0.70		1893
ADM809R	+2.59	+2.66	No	No	/R	No	140	380					3	\$0.70		2159
ADM810R	+2.59	+2.66	No	No	R	No	140	380					3	\$0.70		2159
ADM709S	+2.85	+3.	No	No	/R	No	140	380					8	\$0.70		1893
ADM809S	+2.89	+2.96	No	No	/R	No	140	380					3	\$0.70		2159
ADM810S	+2.89	+2.96	No	No	R	No	140	380					3	\$0.70		2159
ADM697	+3.	+5.5	NA	No	R & /R	no	35	70	1/2.25	4032/4097	960/1025	70	50	\$3.00		1568
ADM8697	+3.	+5.5	NA	No	R & /R	no	35	70	1/2.25	4032/4097	960/1025	70	50	\$3.00		2145
ADM709T	+3.	+3.15	No	No	/R	No	140	380					8	\$0.70		1893
ADM809T	+3.04	+3.11	No	No	/R	No	140	380					3	\$0.70		2159
ADM810T	+3.04	+3.11	No	No	R	No	140	380					3	\$0.70		2159
+5.0 Volt Circuits without Watchdog Timer																
ADM809J	+3.93	+4.06	No		/R	No	160	280					3	\$1.05		2159
ADM709M	+4.25	+4.5	No		/R	No	140	380					8	\$0.70		1893
ADM809M	+4.31	+4.45	No		/R	No	160	280					3	\$1.05		2159
ADM810M	+4.31	+4.45	No		R	No	160	280					3	\$1.05		2159
ADM698	+4.5	+4.75	No		/R	No	140	280				N/A	8	\$1.60		1570
ADM699	+4.5	+4.75	No		R & /R	No	140	280	1/2.25			50	8	\$1.90		1570
ADM8698	+4.5	+4.75	No		/R	No	140	280				N/A	8	\$1.60		2162
ADM8699	+4.5	+4.75	No		R & /R	No	140	280	1/2.25			50	8	\$1.90		2162
ADM709L	+4.5	+4.75	No		/R	No	140	380					8	\$0.70		1893
ADM809L	+4.56	+4.7	No		/R	No	160	280					3	\$1.16		2159
ADM810L	+4.56	+4.7	No		R	No	160	280					3	\$1.16		2159
Hardward Monitors																
								Glitch								
Model	Reset Threshold		Vcc	Icc	Rin	Hystersis	Prop	Immunity					#	Price	Comments	Fax
	min	max	min	max			Delay	100mV					Pins			Code
	Volts		Volts	uA	ohms			uA								
ADM9264	12.72	13.2	2.5	75	200	320mV	10	10					16	\$1.00	Quad Supply Monitor	2158
	5.35	5.55			85	130mV	10						16	\$1.00		2158
	3.53	3.66			55	90mV	10						16	\$1.00		2158
	2.94	3.05			45	80mV	10									
ADM9261	3.808	4	2.5	20	3000	3%	20	20					8		Triple Supply Monitor	2207
	2.856	3.00			1650	3%	20						8			
	2.666	2.8			1650	3%	20						8			
ADM9268	12.72	13.2	2.5	75	240	2%	20	20					16		Hex Supply Monitor	2483
	5.35	5.55			100	2%	20						16			
	3.53	3.66			66	2%	20						16			

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	Reset Generator		Power Fail	Power Fail	Reset or	Manual Reset	Reset Timeout		Watchdog Timeout		Watchdog Timeout		WD Timer		Price	Comments	Fax
	Threshold		Indicator	Threshold	/Reset	Reset	Delay msec		Int. Oscillator		External Clock		Input Width	# Pins	100's		Code
	Min	Max		Min/Max			Min	Max	Min/Max	Min/Max	Min/Max	Min/Max	nsec				
MODEL	Volts			Volts					Long sec	Short msec	Long Cycles	Short Cycles	Min				
	2.67	2.72	CH 4 Pin prgrm 2.5 or 3.3V		50	2%	20										
	1.6	1.66			30	2%	20										
	tbd	tbd			tdb	2%	20										
Model	Vcc	Icc	Icc	A/D	Temp	#	#							#	Price	Comments	Fax
	min	max	s/down	# bits	Sensor	Fan	Analog							Pins			Code
	Volts	mA	uA		Accuracy	Inputs	Inputs										
AD9240	2.85	2	10	10	3°C	2	6							24		Hardward Monitor	